EFFICIENT BLOCK TRANSFORM INCLUDING PRE-PROCESSING AND POST PROCESSING FOR AUTOSTEREOSCOPIC DISPLAYS

Emilio Camahort, Mark E. Holzbach and Robert Sitton

5   ## ABSTRACT OF THE DISCLOSURE

[74]   Image data processing techniques utilizing multiple processes operating on one or more processors of one or more computer systems can be used to efficiently rearrange or reparameterizing image data to form hologram element (hogel) images which can then be used to produce holographic stereograms. These techniques utilize
10 matrix manipulation of portions of image data both within a single process, and across multiple processes typically executing on different processors, and each utilizing a subset of the overall set of image data.